

CLAIMS

The invention is claimed as follows:

1. A display unit, comprising:
a drive panel including a plurality of light-emitting devices on a drive substrate
5 with a drive device layer and a coating layer being laid over the drive device layer in
between;
a sealing panel including a sealing substrate that faces the drive panel on a side
where the light-emitting devices are disposed; and
a middle layer being disposed between the drive panel and the sealing panel so
10 as to be laid over the plurality of light-emitting devices, and being laid over a surface
and an end surface of the coating layer.
2. The display unit according to claim 1, wherein
the coating layer includes an organic material.
- 15 3. The display unit according to claim 1, wherein
a peripheral circuit portion is disposed in a peripheral portion of the drive
substrate, and the casting layer is formed on the peripheral circuit portion.
- 20 4. The display unit according to claim 1, wherein
the middle layer includes a protective film that is provided on the plurality of
light-emitting devices and the surface and the end surface of the coating layer; and an
adhesive layer that is disposed between the protective film and the sealing substrate so
as to bond a whole surface of the drive panel and the protective film, and a whole
25 surface of the sealing panel together.
5. The display unit according to claim 1, wherein
the middle layer includes an adhesive layer for bonding the whole surfaces of
the drive panel and the sealing panel together.

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6. The display unit according to claim 1, wherein
the light-emitting devices are organic light-emitting devices each having a
laminate including a first electrode, an organic layer including a light-emitting layer,
and a second electrode in order from the drive substrate so as to extract light generated
5 in the light-emitting layer from the second electrode.

7. The display unit according to claim 6, wherein
the light-emitting devices include an auxiliary electrode for preventing a
voltage drop in the second electrode, and the auxiliary electrode is in contact with the
10 coating layer.

8. The display unit according to claim 1, wherein
the coating layer includes a first portion protruded from an end surface of the
middle layer, and the protruded portion and a second portion of the coating layer are
15 separated by a separating groove.

9. A method of manufacturing a display unit, comprising the steps of:
forming a plurality of light-emitting devices on a drive substrate with a drive
device layer and a coating layer that is formed on the drive device layer in between to
20 form a drive panel;
forming a middle layer being laid over the plurality of light-emitting devices
and a surface and an end surface of the coating layer; and
disposing a sealing panel including a sealing substrate on a side of the drive
panel where the light-emitting devices are disposed so as to face the drive panel with
25 the middle layer in between.

10. The method of manufacturing a display unit according to claim 9,
wherein
the coating layer is formed by disposing a sheet-shaped coating film.
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11. The method of manufacturing a display unit according to claim 9, wherein subsequent to forming a photosensitive film that includes a photosensitive material, the photosensitive film is exposed and developed so as to form the coating layer.

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12. The method of manufacturing a display unit according to claim 9, wherein similar to the middle layer, a protective film being laid over the plurality of light-emitting devices and the end surface of the coating layer, and an adhesive layer are formed in order, then the whole surfaces of the drive panel and the protective film and the whole surface of the sealing panel are bonded together with an adhesive layer in between.

13. The method of manufacturing a display unit according to claim 9, wherein
15 the light-emitting devices are organic light-emitting devices each having a laminate including a first electrode, an organic layer including a light-emitting layer, and a second electrode in order from the drive substrate so as to extract light generated in the light-emitting layer from the second electrode.